(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 16 June 2005 (16.06.2005)

PCT

(10) International Publication Number WO 2005/054426 A2

(51) International Patent Classification⁷:

C12N

(21) International Application Number:

PCT/SE2004/001814

(22) International Filing Date: 6 December 2004 (06.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/481,741 5 December 2003 (05.12.2003) US 0303268-7 5 December 2003 (05.12.2003) SE

- (71) Applicant (for all designated States except US): ANGIO-GENETICS SWEDEN AB [—/SE]; P.O. Box 440, S-405 30 Göteborg (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HELLSTRÖM, Mats [—/SE]; Medicinaregatan 7B, S-405 30 Göteborg (SE). WALLGARD, Elisabet [—/SE]; Medicinaregatan 7B, S-405 30 Göteborg (SE). KALÉN, Mattias [—/SE]; Medicinaregatan 7B, S-405 30 Göteborg (SE).
- (74) Agent: ALBIHNS STOCKHOLM AB; P.O. Box 5581, S-114 85 Stockholm (SE).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ANGIOGENESIS AFFECTING POLYPEPTIDES, PROTEINS, AND COMPOSITIONS, AND METHODS OF USE THEREOF

(57) Abstract: The present invention relates to polynucleotides and proteins associated with vasculogenesis- and angiogenesis-related disorders. The invention further relates to methods for the identification of compounds that modulate the expression of angiogenesis-related genes and gene products and to using such compounds as therapeutic agents in the treatment of angiogenesis-related disorders. The invention also relates to methods for the diagnostic evaluation, genetic testing and prognosis of angiogenesis-related disorders, and to methods and compositions for the treatment these disorders.

